

## INTERNATIONAL SEARCH REPORT

IB2004/051665

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 317 617 B1 (GILHUIJS KENNETH ET AL) 13 November 2001 (2001-11-13) abstract column 5, line 49 - column 6, line 19 column 8, line 42 - column 11, line 2 column 13, line 10 - column 14, line 50 claim 1 figures 1A-E, 4, 5, 6A-B, 8, 11, 13 -----	1-20
X	US 5 740 267 A (ECHERER ET AL) 14 April 1998 (1998-04-14) abstract column 5, line 12 - line 67 column 7, line 1 - column 10, line 64 column 17, line 17 - column 19, line 36 claim 1 figures 7-9 ----- -/-	1-20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

21 July 2005

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29/07/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/11548 A (WAKE FOREST UNIVERSITY; VINING, DAVID, J; AHN, DAVID, K; STELTS, DAVID) 15 February 2001 (2001-02-15)</p> <p>abstract page 3, line 16 – page 4, line 16 page 5, line 15 – page 8, line 21 page 11, line 21 – page 12, line 18 page 19, line 4 – page 20, line 16 figures 1-4</p> <p>-----</p>	1-20
X	<p>US 5 878 746 A (LEMELSON ET AL) 9 March 1999 (1999-03-09)</p> <p>abstract column 6, line 27 – column 8, line 24 claims 1,3,6 figures 3,4</p> <p>-----</p>	1-20
A	<p>US 5 581 460 A (KOTAKE ET AL) 3 December 1996 (1996-12-03)</p> <p>abstract column 2, line 29 – line 47 column 3, line 49 – line 67 claim 1 figures 1,2</p> <p>-----</p>	1-20

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/051665

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6317617	B1	13-11-2001	AU WO	8507898 A 9904690 A1		16-02-1999 04-02-1999
US 5740267	A	14-04-1998	US US AU WO	5384862 A 5272760 A 4525493 A 9324899 A1		24-01-1995 21-12-1993 30-12-1993 09-12-1993
WO 0111548	A	15-02-2001	AU AU BR CA CN EP JP WO US US US US	777440 B2 6900000 A 0013268 A 2381653 A1 1378677 A 1210684 A1 2003506797 T 0111548 A1 6819785 B1 2005135662 A1 2005147284 A1 2002131625 A1		14-10-2004 05-03-2001 02-07-2002 15-02-2001 06-11-2002 05-06-2002 18-02-2003 15-02-2001 16-11-2004 23-06-2005 07-07-2005 19-09-2002
US 5878746	A	09-03-1999		NONE		
US 5581460	A	03-12-1996	JP JP	4171581 A 4215738 A		18-06-1992 06-08-1992